

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend Claims 1, 2, and 5-7, to read as follows:

1. (currently amended) A radially expandable luminal prosthesis comprising:
a cylindrical frame having a distal end, a proximal end, a midsection
therebetween; and an outer surface for insertion into a body lumen, wherein said frame
comprises is formed from material comprising radiolucent material, wherein the forming
material a radiopaque material which varies in thickness over an axial length of the midsection of
the cylindrical frame, so that the radiopacity of the frame varies correspondingly.
2. (currently amended) A radially expandable luminal prosthesis as in claim
1, wherein the cylindrical frame comprises stainless steel as the radiolucent material and a
radiopaque material is coated over the stainless steel.
3. (original) A radially expandable luminal prosthesis as in claim 2, wherein
the radiopaque material is selected from the group consisting of gold, platinum,
platinum/iridium, tungsten, and tantalum.
4. (original) A radially expandable luminal prosthesis as in any of claims 1 to
3, wherein the radiopaque material is thicker near the ends of the cylindrical frame than over the
midsection.
5. (currently amended) An improved radially expandable luminal prosthesis
of the type comprising a cylindrical frame formed from a material comprising a radiolucent
material, the frame having a distal end, a proximal end, and a midsection therebetween, wherein
the cylindrical frame is modified to be radiopaque at each end but to remain sufficiently
radiolucent over the midsection to permit fluoroscopic viewing of a blood vessel lumen in which
the prosthesis is implanted.
6. (currently amended) A radially expandable luminal prosthesis comprising:

a cylindrical frame having distal and proximal ends, and formed from a material comprising a radiolucent material and a radiopaque material, and having varied thickness along a length disposed between the proximal and distal ends, the frame having varying radiopacity along the length.

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7. (currently amended) A radially expansible luminal prosthesis comprising:
a cylindrical frame having a distal end, a proximal end, and an outer surface for
insertion into a body lumen, wherein said frame is formed from material comprising a
radiolucent material and comprises a radiopaque material which varies in thickness over an axial
length of the cylindrical frame disposed between the proximal and distal ends, so that the
radiopacity of the frame varies correspondingly.
